

Claims

What is claimed is:

1. An electrical device for interfacing with a duplex electrical receptacle having a first and a second outlet, the electrical device comprising:
  - a housing;
  - a first plug disposed within the housing and having a first set of prongs configured to interface with the first outlet; and
  - a second plug disposed within the housing and having a second set of prongs configured to interface with the second outlet, wherein the second set of prongs is moveably coupled with respect to the housing to accommodate variations in distance between the first outlet and the second outlet.
2. The electrical device of claim 1 wherein the first set of plugs is rigidly coupled with respect to the housing.
3. The electrical device of claim 1 wherein the second set of prongs is rotably coupled to the second plug.
4. The electrical device of claim 3 further comprising a pin coupling the second set of prongs to the second plug.
5. The electrical device of claim 1 wherein the second set of prongs is slidably coupled to the second plug.
6. The electrical device of claim 5 further comprising a pin coupled to the second set of prongs, and wherein the pin is configured to slide within a channel formed within the second plug.
7. The electrical device of claim 1 further comprising an elastic member coupling the second set of prongs to the second plug.
8. The electrical device of claim 7 wherein the elastic member is a spring.

9. The electrical device of claim 1 wherein the housing further comprises a first and a second outlet face configured to receive an electrical plug from an external device.

10. The electrical device of claim 9 wherein each of the first set and the second set of prongs comprise at least one leg configured to interface with the electrical plug of the external device.

11. An electrical device for interfacing with duplex outlets of varying dimensions, the electrical device comprising a first outlet plug having a first set of prongs configured to interface with a first outlet of the duplex outlet and a second outlet plug having a second set of prongs configured to interface with a second outlet of the duplex outlet, wherein the second set of prongs is movably coupled to the second outlet plug and is configured to adjust the radial distance between the first and second sets of prongs as a function of the distance between the first and second outlets.

12. An electrical device for interfacing with a duplex outlet having first and second outlets, the electrical device comprising:

a first means for electrically coupling a first plug to the first outlet;  
a second means for electrically coupling a second plug to the second outlet;  
and

means for adjusting the radial distance between the first and second coupling means as a function of the distance between the first and second outlets.